SAMSUNG

A multifaceted display solution that's just as reliable

To learn more about the Samsung Business Monitor or
to find your nearest retailer, please visit: www.samsung.com

SAMSUNG

SA450

Business Monitor SERIES 4

SA450

Stand	100mm HAS	Power Consumption	Standby : 0.3W
Response Time	5ms		
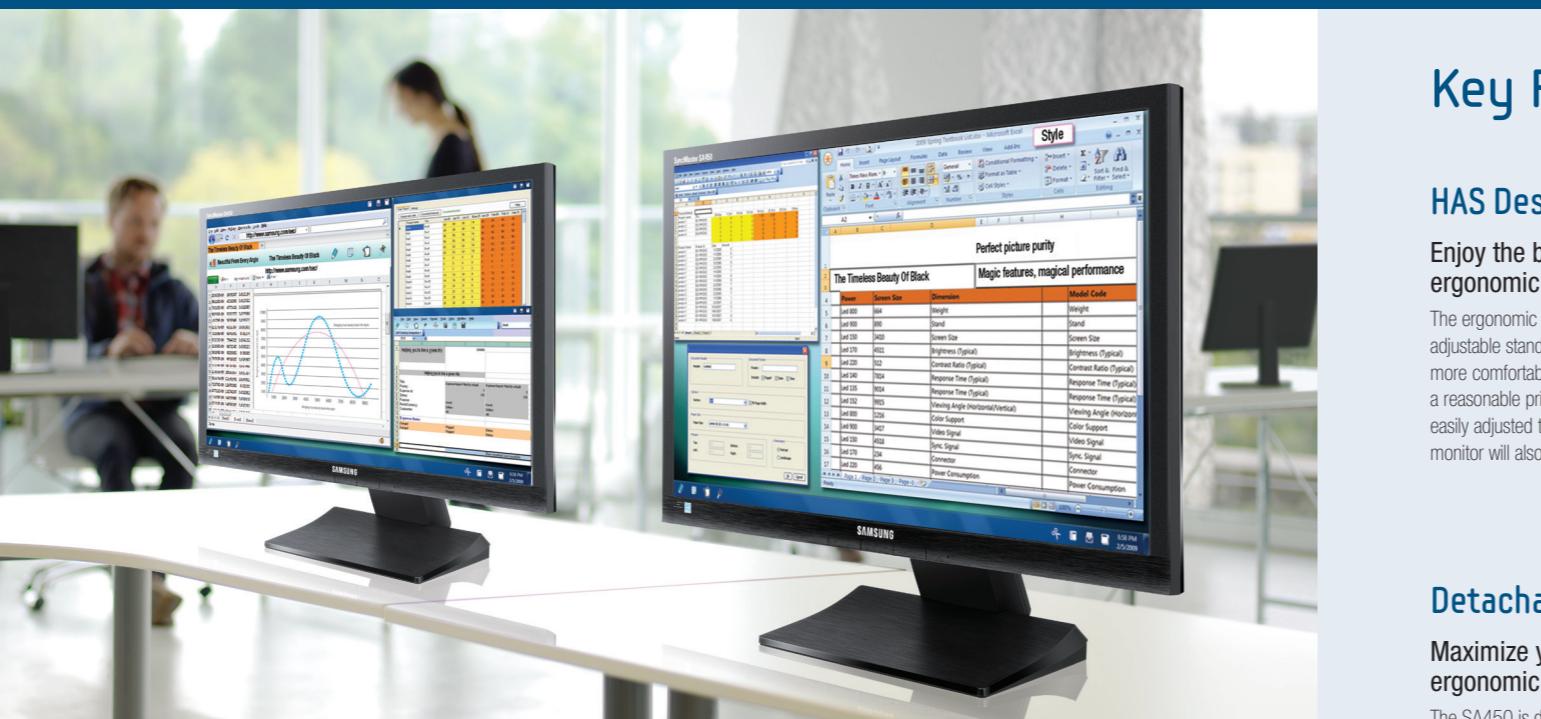
The monitor that delivers efficiency and convenience to any office environment

The Samsung Business Monitor SA450 delivers a powerful, cost-effective display solution that can help meet your business needs. At Samsung, we understand the challenges your business faces, such as increasing competition and an unstable marketplace, so making any type of technology investment is no small matter. The SA450 helps to ease that burden with all of its high-performance features and ergonomic design for a more comfortable working environment. We've succeeded in helping businesses across many fields meet their business goals. From improving patient care to updating workflow systems, streamlining communication processes to increasing employee productivity, the SA450 is optimized for almost any professional setting.

Height adjustable for various display sizes and configurations, the SA450's ergonomic design creates the optimal viewing height for a more comfortable work environment and, most importantly, happier employees. Another feature unique only to Samsung is the detachable adaptor located on the back of the SA450. The detachable adaptor, which is currently under patent review, was designed leveraging Samsung's deep display expertise to provide users with an innovative, space-saving solution that allows for greater flexibility and efficiency, whether wall mounted or on the stand. And for even greater cost efficiencies, the SA450 is extremely eco-friendly with its LED display and other power saving features.

Key Feature

HAS Design

Enjoy the benefits of ergonomic design

The ergonomic design of the SA450's height-adjustable stand (HAS) will provide users with a more comfortable and customized work space at a reasonable price. The HAS can be quickly and easily adjusted to a height of 100mm so that the monitor will also be at eye level.

100mm

Detachable Adaptor

Maximize your workspace with ergonomic design

The SA450 is designed with a detachable adaptor which also doubles as a convenient carrying handle when you need to safely move the monitor to another location. The detachable adaptor is also a key reason behind the monitor's slim and space-saving design. It's the perfect complement to the monitor's LED backlighting to create a monitor that can be arranged in multiple configurations to maximize your workspace. In addition, your floors will no longer have a tangled mess of wires and cables that could easily turn into a work hazard. This feature is also very useful if you choose to wall mount your monitor.

Detachable Adaptor

Carring Handle

Pivot

Meet the changing needs of your content

Whether you're comparing two documents side-by-side or reading a long article, the SA450 allows you to easily rotate the orientation of the screen 90 degrees from horizontal to vertical. This ergonomic feature will increase your productivity by enabling you to create the appropriate canvas based on what you're looking at.

90°

Solutions for Business
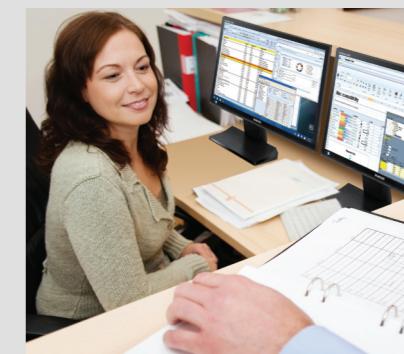
General Office

Position your business for success

The SA450 features robust energy efficiency design and easy adjustability settings for maximum comfort throughout the day. You'll also benefit from the long-term reliability your growing business requires at competitive prices you can afford.

Healthcare

Fit enough for any task

The SA450 provides you and your staff with a tool that's reliable and performs at the highest level, around the clock. Its ability to conduct multiple tasks simultaneously and energy saving features makes it a perfect complement to the healthcare community.

Local Goverment

Provide constituents and employees with the tools for progress

With the SA450 monitor, it can help the business aspects of the government run more efficiently in order to keep budget spending down. It provides government workers with a high-performance monitor that will increase productivity and improve operational efficiencies which will keep constituents happy.

Business Monitor SERIES 2

SA200

Stand	Adaptor Neck Stand	Power Consumption	Standby : 0.3W
Response Time	5ms		
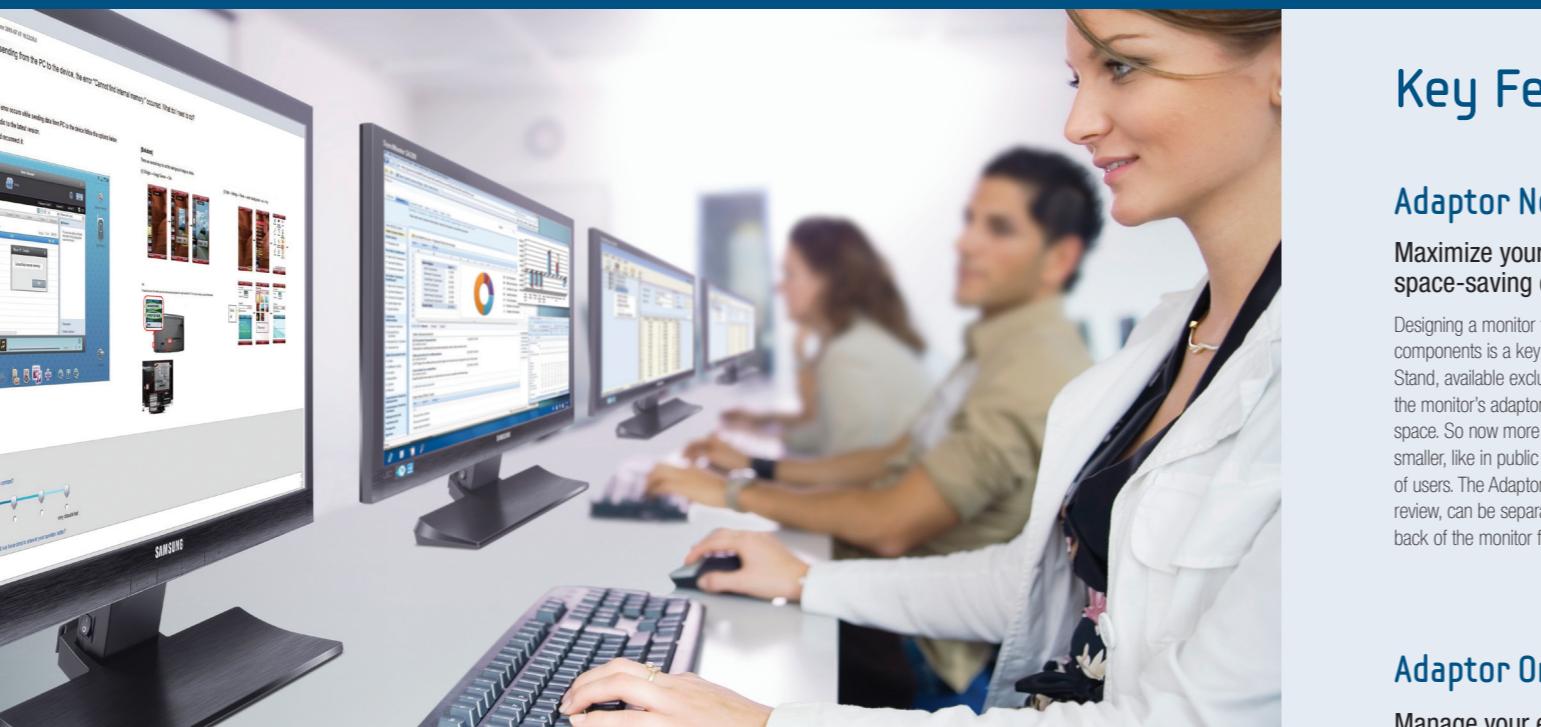
A cost-effective, flexible solution packaged in a monitor

For businesses seeking a flexible display solution that's scalable, performance driven and cost effective, look no further. The Samsung Business Monitor SA200 is designed with all of the easy-to-use, essential features for businesses of all sizes which demand an efficient and productive workforce. This cost-effective monitor possesses a number of space-saving solutions that offer a number of flexible installation options for a variety of office spaces.

Designed to enable efficient use of space, the SA200's Adaptor Neck Stand can fit into almost any tight-fitting area with its slim design. And because the adaptor is fitted on the neck stand, that means less clutter on the floor to create a safer and more efficient workspace. The SA200 is also compliant with VESA wall mounting systems, which will allow you to easily install your monitor anywhere in your office for greater visibility. The monitor is also designed to save more energy with its eco-friendly and power-saving feature like Adaptor On Off 0W. The SA200's money-saving features consume less energy, even throughout the night or weekend, so that you're still saving money over a high volume of monitors.

Key Feature

Adaptor Neck Stand

Maximize your office space with space-saving design

Designing a monitor that features an effective use of space and components is a key element of the SA200. The Adaptor Neck Stand, available exclusively for the SA200, is designed to house the monitor's adaptor in the neck stand for a more efficient use of space. So now more monitors can be arranged in spaces that are smaller, like in public areas or offices that require a large amount of users. The Adaptor Neck Stand, which is currently under patent review, can be separated from the monitor and attached to the back of the monitor for easier management and a cleaner look.

Adaptor On Off 0W

Manage your energy consumption

Switching your monitor to Standby mode doesn't necessarily mean you're saving energy. While some monitors consume up to 1W while in Standby mode, the SA200's Adaptor On Off 0W feature consumes 0W of energy. Placed in a very convenient location, the Adaptor On Off 0W button can be easily accessed whenever you need to step away from your monitor for a long period of time.

Adaptor On/Off 0W

VESA Wall Mount

Increase convenience with a universally compatible wall mounting system

The SA200 is your most flexible business solution when it comes to wall mounting. Compatible with VESA (Video Electronic Standard Association) Wall Mount system, which is considered to be an industrial standard compliance, the monitor can be safely mounted on the wall with minimal effort or office disruption. You can utilize a wide range of VESA-compliant accessories which makes for a much smoother and simpler installation process. The wall mounting system also includes step-by-step instructions and can use any kind of 100x100 standard wall mount.

VESA 100 x 100

Solutions for Business

School

Empower your students with the tools to succeed

Education shouldn't be a privilege. And neither should allowing your students to enjoy the benefits of a high-performance, educational tool like the SA200. This cost-effective monitor can open the door to new worlds and opportunities for today's young minds.

Manufacturing

Put quality control at the top of your list

For businesses in the manufacturing industry, the SA200 provides production line workers with an efficient way to streamline daily operations and improve upon core business strategies such as product quality, delivery and overall productivity.

Retail

Streamline the sharing of store information

To create an efficient retail location, everyone from the customer to the check out clerk must be able to gain access to the right information at the right time. The SA200 has the ability to serve this information through an in-store network that will improve operational efficiencies.

Convienience

Create and operate a more efficient business

Running an well-organized business can be found in the details. The Samsung Business Monitor SA450/SA200 solutions have been built to offer you convenient way to uncover operational efficiencies, resulting in a more productive workforce.

Picture Quality

See the difference with an LED display

Whether you're reviewing a document or presenting your work to an office full of colleagues or clients, the Samsung Business Monitor SA450/SA200 will ensure that the images on the screen appear sharp and smooth. The high-impact images created by your Samsung Business Monitor SA450/SA200 will always put your best foot forward.

Cost Saving

Integrate with a solution that's aligned with your cost reduction strategy

As business knows, a good way to make money is to save money. The Samsung Business Monitor SA450/SA200 can help keep operational costs under control through its power-saving features and customizable offerings at a reasonable price.

Cable Arrangement

Create an organized workspace

Reduce the amount of visual clutter and create a more organized working environment with the cable arrangement feature on your SA450/SA200. Located on the back of the stand, the power cord and any other cables plugging into your monitor can be neatly organized so that they're hidden from sight. The cords and cables are also tightly secured to the stand so everything stays plugged in.

Narrow Matte Bezel with Front Buttons

Practical design that understands how you work

The design of the new SA450/SA200 has taken the workplace into consideration. The narrow, matte bezel surrounding the screen provides a larger and unobstructed viewing surface without any distractions such as glossy materials or unnecessary detailing. This allows your workforce to concentrate on the screen, and not what's going on around them. Another useful feature is the position of the function buttons which are integrated into the front of the frame. These physical buttons allow you to easily access and control the most frequently used functions like power, brightness and contrast. The positioning of the buttons provide users with even greater convenience when wall mounting. Compared to monitors with buttons on the side, the Front Buttons allow you to install multiple monitors side-by-side without blocking any of the buttons.

## LED Panel

Bring your work to life with LED display

Unlike traditional CCFL LCD monitors, the new SA450/SA200 is built with LED technology to generate high-quality images that will enhance the way your presentations, photos and graphics look on screen. This technology is what enables it to provide amazingly vivid images, with deep blacks and crisp whites. Brightness and darkness of each hue can be adjusted in ways that has never been possible before, producing cinema-like detailed images and raising industry standards a notch higher.

CCFL LCD Panel   CCFL Back Light   LED Panel   LED Back Light

MEGA ∞ DCR

Experience exceptional image reproduction

The SA450/SA200 has the ability to produce high-quality images at higher contrast ratios with Samsung's Mega ∞ DCR (Dynamic Contrast Ratio) technology. For even greater sharpness and clarity, the SA450/SA200 also features a static contrast ratio of 1,000:1. So whether you're reviewing a document, watching a video or presenting your work to a client, the images on the screen will be consistently sharp.

Conventional   Samsung

Samsung Magic Angle

See perfectly from every angle

The SA450/SA200 utilizes Samsung's innovative Magic Angle technology so that images on the screen can be viewed in perfect clarity at almost any angle. The Samsung Magic Angle feature is particularly useful when the monitor is mounted on a wall. Now you can use your monitor to present your ideas or review work with colleagues while they stand around your desk. The wide viewing angle of the monitor provides distortion-free viewing of up to 50 degrees vertically. What's more, by using the on-screen display, the monitor will walk you through a simple, step-by-step installation process.

Conventional   Samsung

1W   0.3W

Conventional Standby Mode   Samsung Standby Mode

Soft Power Off 0.3W

Reduce the power you use, day or night

Enjoy even greater energy savings when you're not using your SA450/SA200 by selecting the energy-efficient standby mode. While conventional monitors consume 1-2W, the SA450/SA200 uses a mere 0.3W while in standby mode. That means you'll see a dramatic drop in your energy bill even when the monitors are in standby mode over night or even during the entire weekend.

ECO	
Eco Motion Sensor	: 10 min
▸ Backlight	: Dimming
Eco Light Sensor	: Off
▸ Sensitivity	: High
▸ Brightness Level	: Brighter
Eco Saving	: Off / 75% / 50%
Eco Guide	: On

You've saved
1000 trees
Key Guide Area

Eco Saving

Save energy by controlling energy consumption

The Eco Saving feature on your SA450/SA200 makes saving energy easy and requires very little effort from a man-hour perspective. Through an easy-to-use on-screen interface, you can determine how much energy you want the monitor to save and it automatically adjusts the monitor's brightness levels. You have four energy-saving options to choose from: 100%, 75%, and 50% power consumption, as well as 'power saving off'. Take the effort out of saving energy and take control with Eco Savings.

Eco Certifications

Discover what the leading certification organizations think about our monitors

The new line-up of Samsung Business Monitors has been recognized by some of the industry's leading organizations, dedicated to protecting the environment through energy efficient products and practices. The Samsung Business Monitors are ENERGY STAR-certified which means they that they are 23% more energy efficient than conventional monitors and could use up to 60% less electricity than standard models have passed strict energy-saving guidelines. And EPEAT®, the definitive global registry for greener electronics, has recognized the monitors for their energy efficiency and eco-friendly design. Products registered in EPEAT® must meet 23 required environmental performance criteria. Please be aware that certification systems and regulations vary from region to region. Find more details about eco certificates on each organization's website.

* EPEAT Gold Certification is available only for NA.

SA450 Business Monitor

The intuitive display that's effortless to install

ENERGY STAR

epeat GOLD

RoHS

* EPEAT Gold Certification is available only for NA.

Dimension (mm)

S24A450BW (24")
560.0 · 50.0 · 374.0 · 403.0 · 201.0

S24A450B (24")
570.0 X 387.0 X 201.0 (With Stand) 570.0 X 347.0 X 50.0 (Without Stand)

S22A450SW (Speaker + USB) (22")
508.0 · 50.0 · 344.0 · 398.0 · 201.0

S22A450BW (22")
508.0 X 380.0 X 201.0 (With Stand) 508.0 X 344.0 X 50.0 (Without Stand)

S19A450BW (19")
443.0 · 50.0 · 302.0 · 377.0 · 201.0

S19A450BR (19")
413.0 X 401.0 X 201.0 (With Stand) 413.0 X 348.0 X 50.0 (Without Stand)

Wall Mount Installation
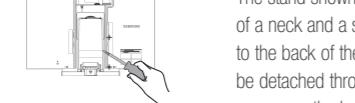
1. The stand shown in Figure 1 consists of a neck and a square part that connects to the back of the monitor. The stand can be detached through the right and left screws on the lower side of the square part. Unscrew the two screws on the lower side as shown in Figures 1 and 2, and the stand will detach from the monitor as shown in Figure 3.

2.

3.

   After removing the stand, there are total VESA 6 screw holes in the back of the monitor. 100 X 100 wall mount uses 4 holes and 100 X 200 wall mount uses 6 holes to screw in and assemble the monitor.
   * 100 X 200 wall mount is available over the 24-inch model.

4.

5. After assembly, you can install the monitor at your preferred position.

Stand Assembly Procedure | HAS Stand

M4 X L10

A   B   C   D

90° A
B
C D
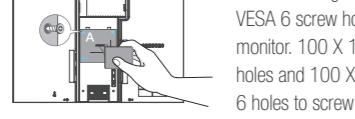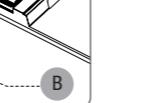
• With the neck already assembled, lay it down and connect it to the base by tightening the screw located in the hole.
• Then, insert the adaptor into the proper position in the back starting from the left side.
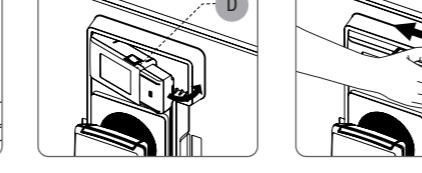
• To detach the adaptor, hold it with your right hand and push it toward the left.

SA450

	Model Name	S24A450BW	S24A450B	S22A450BW	S22A450SW (Speaker + USB)	S19A450BW	S19A450BR
Display	Screen Size	24"	24"	22"	22"	19"	19"
	Brightness (Typical)	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²	250 cd/m²
	Contrast Ratio (Typical)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
	Resolution	1920 x 1200	1920 x 1080	1680 x 1050	1680 x 1050	1440 x 900	1280 x 1024
	Response Time (Typical)	5ms	5ms	5ms	5ms	5ms	5ms
	Viewing Angle (Horizontal/Vertical)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)
	Color Support	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Signal Input	Video Signal	D-sub, DVI	D-sub, DVI	D-sub, DVI	D-sub, DVI	D-sub, DVI	D-sub, DVI
	Sync. Signal	Separate, Composite, SOG	Separate, Composite, SOG	Separate, Composite, SOG	Separate, Composite, SOG	Separate, Composite, SOG	Separate, Composite, SOG
	Connector	D-sub, DVI	D-sub, DVI	D-sub, DVI	D-sub, DVI	D-sub, DVI	D-sub, DVI
Power	Power Consumption	29W	26W	22W	25W	20W	TBD
	Stand By Power (DPMS)	0.3W	0.3W	0.3W	0.3W	0.3W	0.3W
	Type	External Adaptor	External Adaptor	External Adaptor	External Adaptor	External Adaptor	External Adaptor
Feature	Plug & Play	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B
	USB Powered Hub Option	No (Option)	No (Option)	No (Option)	Yes (1UP/2DN)	No (Option)	No (Option)
	Mac Compatibility	Yes	Yes	Yes	Yes	Yes	Yes
	Multi Speaker	No (Option)	No (Option)	No (Option)	Yes	No (Option)	No (Option)
	Wall-Mount	Yes (100 x 100, 100 x 200)	Yes (100 x 100, 100 x 200)	Yes (100 x 100)	Yes (100 x 100)	Yes (100 x 100)	Yes (100 x 100)
	Energy/Environment Mark	Yes	Yes	Yes	Yes	Yes	Yes
	Cabinet Color	Matt Black	Matt Black	Matt Black	Matt Black	Matt Black	Matt Black
	Optional Accessory	D-sub Cable	D-sub Cable	D-sub Cable	D-sub Cable/USB Cable/Audio Cable	D-sub Cable	D-sub Cable
	Special Feature	Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Handle	Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Handle	Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Handle	Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Handle	Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Handle	Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Handle
Dimension	Product Dimension (With Stand, W x H x D)	560 x 400 x 201	570 x 387 x 201	508 x 380 x 201	508 x 380 x 201	443 x 377 x 201	413 x 401 x 201
	Product Dimension (Without Stand, W x H x D)	560 x 374 x 50	570 x 347 x 50	508 x 344 x 50	508 x 344 x 50	443 x 302 x 50	413 x 348 x 50
	Shipment Dimension (W x H x D)	638 x 453 x 200	648 x 424 x 200	581 x 417 x 199	581 x 417 x 199	516 x 375 x 204	506 x 421 x 198
Weight	Product Weight	5.1	5.2	4.6	4.6	4.3	4.7
	Shipment Weight	6.7	6.8	6.1	6.1	5.6	5.9
Stand	Type	HAS (100mm) Lowest (30mm)	HAS (100mm) Lowest (40mm)	HAS (100mm) Lowest (35mm)	HAS (100mm) Lowest (35mm)	HAS (100mm) Lowest (75mm)	HAS (100mm) Lowest (37mm)
	Function	Pivot/Swivel/Tilt	Pivot/Swivel/Tilt	Pivot/Swivel/Tilt	Pivot/Swivel/Tilt	Pivot/Swivel/Tilt	Pivot/Swivel/Tilt

* Design and specifications are subject to change without notice.

SA200 Business Monitor

The intuitive display that's effortless to install

ENERGY STAR   epeat GOLD   RoHS

* EPEAT Gold Certification is available only for NA.

Dimension (mm)

S22A200B (21.5")

513.0 / 317.0 / 410.0 / 50.0 / 201.0

S19A200NW (19")

443.0 / 302.0 / 395.0 / 50.0 / 201.0
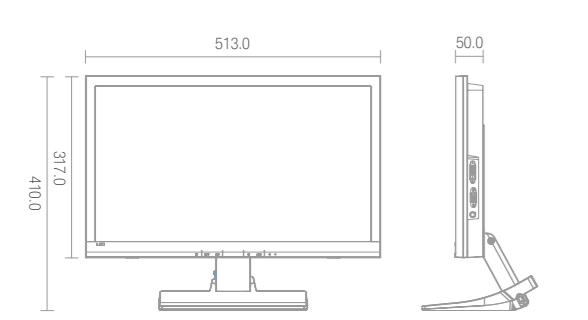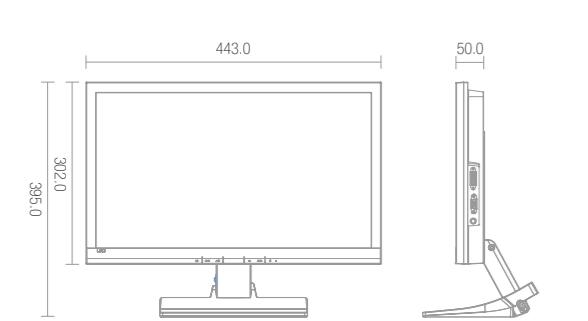
Wall Mount Installation

1   The stand on the SA200 does not offer the HAS feature. To detach the stand, simply pull the stand as shown in Figure 1 and it will easily slide out.

2
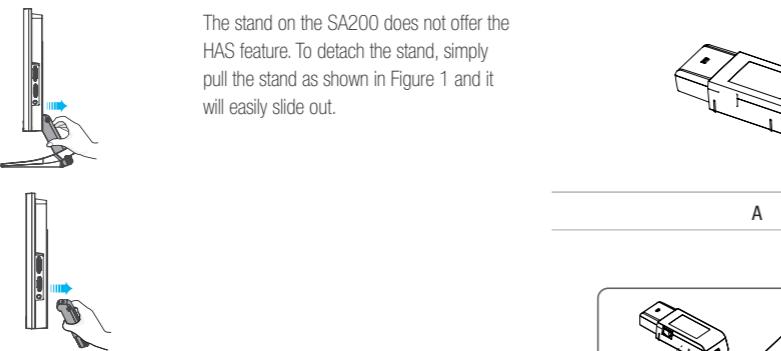
3   After removing the stand, there are total of four VESA screw holes in the back of the monitor. The 100 x 100 wall mount requires 4 screws to assemble the monitor.

4
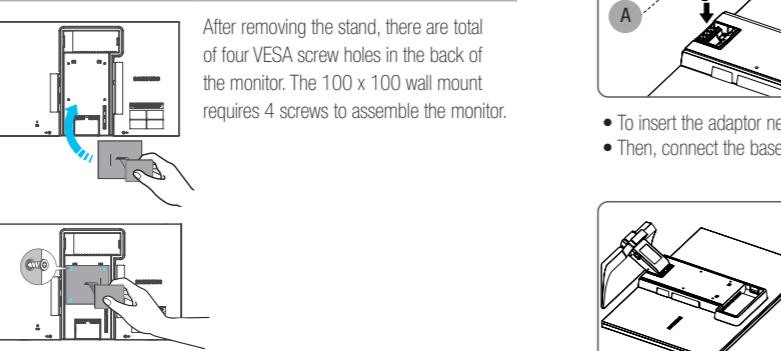
5   After assembly, you can install the monitor to your optimal position.
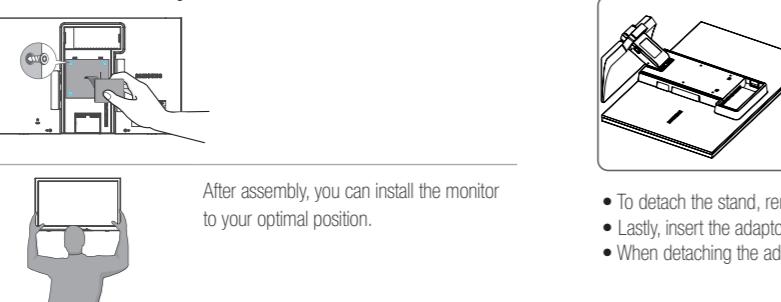
Stand Assembly Procedure | Simple Stand

A   B

A   B

- To insert the adaptor neck into base, simply slide it into the slot located on the back.
- Then, connect the base to the stand by pushing it in the same manner.
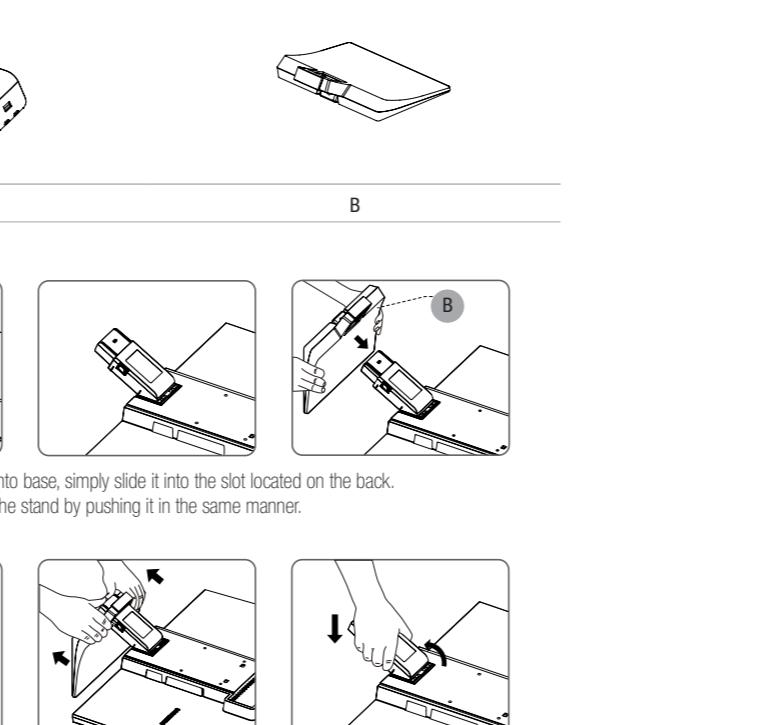
- To detach the stand, remove the neck from the base and then remove the neck from the slot.
- Lastly, insert the adaptor into the proper position in the back starting from the left.
- When detaching the adaptor, hold with your right hand and push leftward to detach.

SA200

	Model Name	S22A200B	S19A200NW
Display	Screen Size	21.5"	19"
	Brightness (Typical)	250 cd/m²	250 cd/m²
	Contrast Ratio (Typical)	1000:1	1000:1
	Resolution	1920 x 1080	1440 x 900
	Response Time (Typical)	5ms	5ms
	Viewing Angle (Horizontal/Vertical)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)	R/L: 85/85 (Typ), U/D: 80/80 (Typ)
	Color Support	16.7M	16.7M
Signal Input	Video Signal	D-sub, DVI	D-sub
	Sync. Signal	Separate, Composite, SOG	Separate, Composite, SOG
	Connector	D-sub, DVI	D-sub
Power	Power Consumption	22W	20W
	Stand By Power (DPMS)	0.3W	0.3W
	Type	External Adaptor	External Adaptor
Feature	Plug & Play	DDC 2B	DDC 2B
	USB Powered Hub Option	No (Option)	No (Option)
	Mac Compatibility	Yes	Yes
	Multi Speaker	No (Option)	No (Option)
	Wall-Mount	Yes (100 x 100)	Yes (100 x 100)
	Energy/Environment Mark	Yes	Yes
	Cabinet Color	Matt Black	Matt Black
	Optional Accessory	D-sub Cable	D-sub Cable
	Special Feature	Eco Saving, Multi Screen S/W, Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Hadle	Eco Saving, Multi Screen S/W, Samsung Magic Angle, Samsung Magic Bright3, Samsung Magic Color, Off Timer, Customized Key, Image Size, 0W Mechanical Switch, Carring Hadle
Dimension	Product Dimension (With Stand, W x H x D)	513 x 410 x 201	443 x 395 x 201
	Product Dimension (Without Stand, W x H x D)	513 x 317 x 50	443 x 302 x 50
	Shipment Dimension (W x H x D)	585 x 387 x 140	537 x 371 x 140
Weight	Product Weight	3.6	3.1
	Shipment Weight	5	4.2
Stand	Type	Simple	Simple
	Function	Tilt	Tilt

* Design and specifications are subject to change without notice.